



TARDEC

Dual Use Technology

Briefing



TECHNOLOGY DRIVEN. WARFIGHTER FOCUSED.

National Automotive Center

Tech Transfer Team

Spring 2010

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Approved for Public Release

Partnership Intermediaries (DoD)

Licensing of patented technologies

First Responder
Technology Transfer

TechLink

www.techlinkcenter.org

SpringBoard

www.gospringboard.org

FirstLink

www.dodfirstlink.com

Partnership Intermediary (Local)

Automation Alley

www.automationalley.com

- **Testing Services Agreements**
- **Education Partnerships**
- **Cooperative Research And Development Agreements (CRADA)**
- **Small Business Innovation Research (SBIR)**



- Allows commercial entities to **utilize unique capabilities** of Government labs
- Government is **reimbursed** for operational and equipment expenses
- **Cannot compete** with private industry
- Test data belongs only to **customer**



- Encourage, enhance **study** in scientific disciplines;
- Set up with US non-profit **educational institutions** dedicated to improving science, math & engineering education;
- Provide assistance by...
 - Loaning or transferring **equipment**
 - Making lab **personnel** available
 - Involving students and faculty in **research**
 - Providing academic and career **advice**



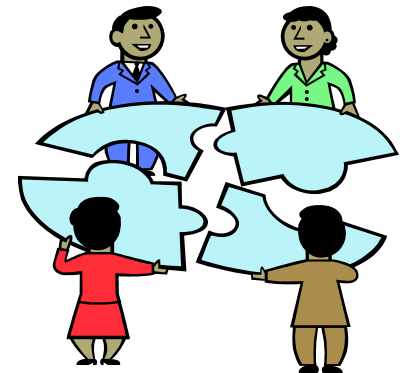
Cooperative Research
CRADA
And Development Agreement



- Created by the **Federal Technology Transfer Act** of 1986
- Extends to all **government-owned laboratories**
- Defined in U.S. Code, Title 15, **Section 3710a**
- Not a procurement contract; **Federal Acquisition Regulations do not apply**



- Between **Government Laboratories** and commercial, academic, government or association partners;
- Facilitate **technology transfer** between the parties;
- Partner contributes **personnel, services, property and funding**;
- Government contributes all the above, **except funding**.

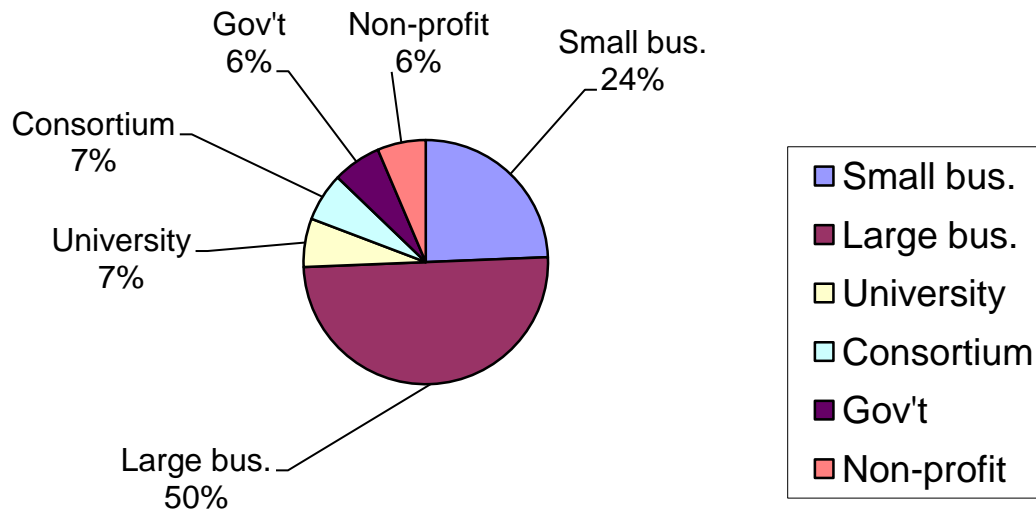
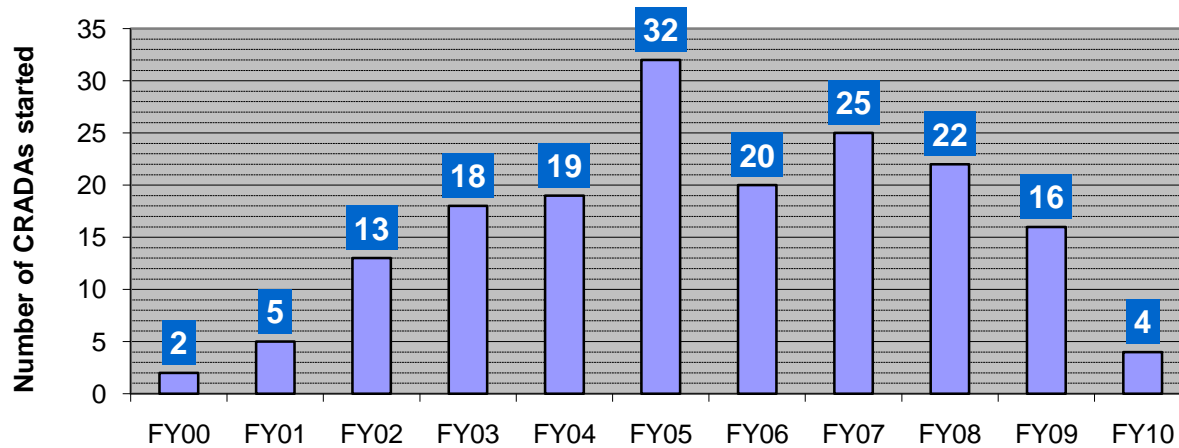


- **Quick** - Typically established within 60 days of initiation.
- **Flexible** - Leveraging of resources; each party pays for their tasks under flexible Statement of Work (SOW).
- **Mutually Beneficial** - Encourages cooperative R&D; partner has option to obtain an exclusive license for technology the Army invents under the CRADA.
- **Safe** - Proprietary information protected; all inventions developed under CRADA belongs to inventing party.
- **Simple** - Conditions and basic rights set forth in clear and simple language.



- **Duration** – Typically 3 years; renewable.
- **Termination** – Upon expiration, by mutual consent, or unilaterally (with written notice).
- **Multiple CRADAs** – A partner may have more than one CRADA with TARDEC simultaneously.
- **Special Agreements**
 - Master Agreement: many SOW's under one contract
 - 3-way: more than one partner
 - Foreign partner: requires approval from trade rep.










LEAD • INNOVATE • INTEGRATE • DELIVER



TECHNOLOGY DRIVEN. WARFIGHTER FOCUSED.



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AUGUST 17-19, 2010
GVSETS
GROUND VEHICLE SYSTEMS ENGINEERING AND TECHNOLOGY SYMPOSIUM

National Automotive Center (NAC)



Chartered by the Secretary of the Army 21 June 1993

Mission

NAC will serve as the *Army focal point* for developing *dual-use automotive technologies* and their applications to military ground vehicles. It will focus on *facilitating joint efforts and collaboration among industry, government and academia* in basic research, technology, industrial base development and professional development.

Introduction

NAC, founded in 1993, is the Department of Defense and Army focal point for collaborative ground vehicle research and development (R&D). NAC is co-located with the U.S. Army TACOM Life Cycle Management Command at the Detroit Arsenal in the heart of the automotive capital. Tank automotive and Armaments Command (TACOM), is an integral part of the Army's Tank Automotive Research, Development and Engineering Center (TARDEC). NAC serves as a catalyst, linking industry, academia and government agencies in the development and exchange of automotive technologies. NAC leverages government, industry and academia R&D investments and initiates shared automotive technology programs. Its primary focus is to benefit current and future military ground vehicle systems through performance improvements, service life extensions and reduction in ground vehicle design, manufacturing, production, operation and support costs.

Key Collaborative Mechanisms Used




NAC employs several key mechanisms to leverage investments in automotive technology R&D and to initiate shared technology programs. These mechanisms include: collaborative automotive technology contracts, Small

<http://tardec.army.mil/NationalAutomotiveCenter.aspx>



Ground Vehicle Gateway





GROUND VEHICLE GATEWAY
U.S. ARMY TANK AUTOMOTIVE RESEARCH, DEVELOPMENT AND ENGINEERING CENTER

TARDEC Technology Submission

Soldiers are our NUMBER 1 priority. Help us make them your priority as well. Submit your ground vehicle systems technology concepts, ideas and innovations to TARDEC today using the electronic submission form below. Your submission will be treated confidentially, and a TARDEC technologist will thoroughly evaluate your proposal.

For all other inquiries, click on this link: <http://tardec.army.mil/contact.asp>.

Your Submission

* Submission Title:

* Submission:

Maximum 8,000 characters

Documents:

Click "Browse" and select the file you want to attach.
Typing file names in the fields above will not attach your files.

* Business Name:

Industry:

* Name:

Job Title:

Address 1:

Address 2:

City:

State:

Zip Code:

* Business Phone:

Mobile Phone:

Fax Number:

* E-mail:

Web Address:

<https://tardec.groundvehiclegateway.com/>

- ❖ Online tool for technology submissions
- ❖ Formally announced at SAE World Congress 20 April 2009

